ABSTRACT

Novel insect toxins are disclosed for use in pesticidal compositions and methods. According to the invention basement membrane degrading proteases are identified which are capable of acting as insecticidal agents. Polynucleotides are provided which include expression constructs for the expression of the recombinant insecticidal proteases of the invention as recombinant insect pathogens, as well as transgenic plants with a substantial degree of insect resistance.